

ABSTRACT

The invention is an electromechanical shifting apparatus, primarily for use on a multi speed, straddle-type vehicle, but applicable to any vehicle having a transmission that shifts via a pivot shaft.

The electromechanical shifting apparatus consists of six main parts: switch, switch bracket (depending
5 on application), actuator, mounting bracket, shift linkage, and wiring harness. The electromechanical shifting apparatus attaches to the machine using various other pieces of mounting hardware, dependent on the application.